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Public Works Department  
Patrick N. Wiemiller, Director

## **STREET LIGHT PLAN GENERAL NOTES**

ALL WORK SHALL CONFORM TO APPLICABLE SECTIONS OF THE STATE OF CALIFORNIA "STANDARD SPECIFICATIONS", ISSUED BY THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, THE NATIONAL ELECTRICAL CODE, AND THESE SPECIAL PROVISIONS:

LUMINAIRE SHALL BE COBRA HEAD TYPE, 120V HIGH PRESSURE SODIUM VAPOR WITH HIGH POWER FACTOR BALLAST. LENS SHALL BE POLYCARBONATE PLASTIC AND BULB SHALL BE 70 WATT UNLESS OTHERWISE NOTED.

ALL STREETLIGHTS SHALL BE NUMBERED. NUMERICAL SEQUENCE TO BE OBTAINED FROM PG&E. NUMERALS SHALL BE 2-1/2" HIGH AND INSTALLED 10'-6" ABOVE FINISHED GRADE.

ALL CONDUITS SHALL BE SCH. 80 P.V.C., OR SCH. 40 P.V.C., AS PER STD. DWG. NOS. E-1, E-2, AND E-6 (NOTE 1), EXCEPT THAT CONDUIT FOR MAJOR STREET CROSSINGS SHALL BE R.G.C.

PULL BOX SPACING SHALL NOT EXCEED 200 FT. PULL BOXES SHALL BE REQUIRED AT ALL CONDUIT CHANGES OF DIRECTION AND ADJACENT TO EACH STREETLIGHT. PULL BOX LIDS SHALL BE CONCRETE OR APPROVED EQUIVALENT. "POINT OF SERVICE" PULL BOX SHALL BE CHRISTY B 90TL LOCKING LID OR APPROVED EQUIVALENT.

ALL WORK SHALL COMPLY WITH CITY OF FRESNO STANDARD DRAWING NOS. E-1 THROUGH E-36, AND CITY OF FRESNO STANDARD SPECIFICATIONS.

**\*\*[THE FOLLOWING NOTES NOT NEEDED UNLESS SAFETY LIGHT (S) WILL BE INSTALLED]**

IF THE SERVICE PEDESTAL IS EQUIPPED WITH A LIGHTING CONTACTOR, AND NO MASTER PHOTO CONTROL IS INSTALLED, THE CONTRACTOR SHALL INSTALL A MASTER PHOTO CONTROL ATOP A 30' TALL SIGNAL POLE ADJACENT TO THE SERVICE PEDESTAL, OR ATOP THE NEAREST STREET LIGHT POLE. THE MASTER PHOTO CONTROL SHALL BE WIRED BACK TO THE SERVICE PEDESTAL USING THREE NO. 12 AWG STRANDED COPPER WIRES COLOR MATCHED TO THE PEC. THE PEC WILL BE MOUNTED USING HARDWARE MANUFACTURED FOR THAT PURPOSE, OR FABRICATED HARDWARE APPROVED BY THE TSSL SUPERVISOR.

ALL STREETLIGHTS AND SAFETY LIGHTS FED FROM A PEDESTAL EQUIPPED WITH A CONTACTOR SHALL BE SWITCHED BY THAT CONTACTOR, AND THEIR PEC'S REPLACED WITH SHORTING CAPS.